JANUARY, 1903 NUMBER 17

THE UNIVERSITY OF NORTH CAROLINA RECORD

CONTAINING ANNOUNCEMENT OF

SUMMER SCHOOL

ENTRY AT THE POST OFFICE AT CHAPEL HILL AS SECOND CLASS MATTER APPLIED FOR.

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ALUMNI HALL

THE UNIVERSITY OF NORTH CAROLINA RECORD

CONTAINING

ANNOUNCEMENT OF SUMMER SCHOOL

JUNE 15 TO JULY 10, 1903

CHAPEL HILL, N. C.
PUBLISHED BY THE UNIVERSITY
1903

THE UNIVERSITY PRESS
CHAPEL HILL

FACULTY.

FRANCIS PRESTON VENABLE, PH.D.,

PRESIDENT.

Greek.

EBEN ALEXANDER, PH.D., LL.D.,

DEAN OF THE FACULTY.

A.B., Yale University, 1873; LL.D., University of North Carolina, 1893; Professor of Ancient Languages, University of Tennessee, 1873-86; Professor of Greek, University of North Carolina, 1886; Envoy Extraordinary and Minister Plenipotentiary to Greece, Roumania and Servia, 1893-7.

Geography.

ROBERT MARSHALL BROWN, A.M.

A.B., Brown University; A.M., Harvard University; Principal Portsmouth, N. H., High School; Instructor in Sciences, New Bedford, Mass.

French.

JAMES DOWDEN BRUNER, PH.D.

A.B., Franklin College; Instructor in Modern Languages, Ibid.; Student in Paris, France; Ph.D., Johns Hopkins; Professor Romance Languages, University of Illinois; Assistant Professor Romance Languages, University of Chicago; Associate Professor Romance Languages, University of North Carolina.

Geology.

COLLIER COBB, A.M.

A.B., A.M., Harvard University; Instructor Massachusetts Institute of Technology; Instructor Harvard University; Professor Geology, University of North Carolina.

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Latin.

WILLIAM L. FOUSHEE, Ph.D.

M.S., Wake Forest, 1894; Ph.D., Johns Hopkins, 1900; Principal Roxboro Academy, 1894-6; Acting Professor of Latin, Mercer University, Ga., 1900-1; Professor of Latin, Richmond College, Va., 1901-2; Professor of Latin, Summer Session, University of Missouri, 1902.

Arithmetic.

JULIUS I. FOUST, Ph.B.

Ph.B., University of North Carolina; Instructor in Mathematics, University of North Carolina; Superintendent Goldsboro Schools; Professor of Pedagogy in North Carolina Normal and Industrial College.

English Composition.

MAURICE GARLAND FULTON, M.A.

Ph.B., University of Mississippi, 1898; M.A., University of Mississippi, 1901; Instructor in English, University of Mississippi, 1900-1; Graduate Student, University of Michigan, 1901-2, 1902-3; Assistant in Rhetoric and English Composition, Ibid.

Physics and Manual Training.

W. C. A. HAMMEL.

Graduate of Maryland State Normal School; Special student in Physics in Johns Hopkins University; Student in Manual Training under Everett Schwartz, of the Normal Sloyd School, Naas, Sweden; Inspector of Manual Training Schools of Maryland; Vice-President of the Maryland Academy of Science; President of the Maryland Audubon Society.

Psychology.

HERMAN HARREL HORNE, A.M.

A.B., University of North Carolina; A.M., Harvard University; Professor of Psychology, Dartmouth College.

Kindergarten.

MARGARET A. JOHNSTON, B.A.

Graduate of the St. Louis Normal School for Kindergartners; Graduate student of Pedagogy in Boston and at Teachers' College, N. Y.; Kindergarten Supervisor at the College Settlement, N. Y.; Beaufort Kindergarten Training School.

Expression.

GEORGE M. McKIE.

Graduate Emerson School of Oratory; Instructor, University of North Carolina.

Physiology.

CHARLES STAPLES MANGUM, M.D.

A.B. University of North Carolina; M.D. Jefferson Medical College; Assistant Demonstrator, Jefferson Medical College; Professor of Materia Medica, University of North Carolina.

Physics.

JAMES EDWARD MILLS, A.M., Ph.D.

A.B. Davidson College; A.M., Ibid; Ph.D. University of North Carolina; Instructor, University of North Carolina.

Art of Teaching.

ARTHUR B. MORRILL, A.B.

A.B. Yale, 1873; Teacher of Physical Science, Portland High School, 1875—1884; Principal Connecticut Normal School, New Britain, 1884-1890, Willimantic 1890-1893, New Haven 1893; Lecturer at Yale on Art of Teaching.

Pedagogy.

M. C. S. NOBLE.

University of North Carolina; Davidson College; Commandant Bingham School; Superintendent of Schools, Wilmington, N. C.; Professor of Pedagogy, University of North Carolina.

History.

CHARLES LEE RAPER, Ph.D.

Trinity College; Columbia University; Instructor Trinity College; Professor Greensboro Female College; Fellow Columbia University; Lecturer Barnard College and Columbia University; Ph.D. Columbia University; Associate Professor of Economics and of History University of North Carolina.

History.

FRANKLIN L. RILEY, Ph.D.

A.M. Mississippi College 1891; Ph.D. Johns Hopkins 1896; Teacher in Hebron High School 1889; President Hillman College 1896; Professor of History, University of Mississippi 1897.

Botany.

D. N. SHOEMAKER, Ph.D.

B.S. Earlham College 1892; Ph.D. Johns Hopkins University 1903.

English Grammar and Literature.

C. ALPHONSO SMITH, Ph.D.

A.B. Davidson College; A.M. Ibid; Ph.D. Johns Hopkins University; Student in London, Paris, and Berlin; Instructor in English Johns Hopkins University; Professor of English Louisiana State University; Professor of English Language University of North Carolina.

Algebra.

MARVIN HENDRIX STACY, Ph.B.

Ph.B. University of North Carolina, 1902; Instructor in Mathematics, University of North Carolina.

German.

WALTER DALLAM TOY, M.A.

M.A. University of Virginia; Student at Leipsic, Berlin, Sorbonne and College de France; Professor of German University of North Carolina.

Chemistry.

ALVIN SAWYER WHEELER, Ph.D.

A.B. Beloit College; A.M. Harvard College; Ph.D. Ibid: Student University of Chicago and Cornell University; Assistant Harvard University; Associate Professor of Organic Chemistry University of North Carolina.

The following have agreed to deliver one or more lectures during the period of the Summer School:

CHARLES B. AYCOCK,

Governor of North Carolina.

CHARLES D. McIVER,

President State Normal and Industrial College.

JAMES Y. JOYNER,

Superintendent of Public Instruction.

HENRY LOUIS SMITH, Ph.D.,

President Davidson College.

WILLIAM L. POTEAT, M.A.,

Professor of Biology, Wake Forest College.

JOHN B. CARLYLE, M.A.,

Professor of Latin, Wake Forest College.

EDWIN MIMS, Ph.D.,

Professor of English Literature, Trinity College.

THOMAS HUME, D.D., LL.D.,

Professor of English Literature, University of North Carolina.

KEMP PLUMMER BATTLE, LL.D.,

Professor of History, University of North Carolina.

J. W. BAILEY,

Editor Biblical Recorder.

JAMES CAMERON MacRAE, LL.D.,

Professor of Law, University of North Carolina.

WALLACE BUTTRICK, D.D.,

Secretary General Education Board.

EDGAR GARDNER MURPHY,

General Education Board.

RICHARD HENRY LEWIS, M.D.,

Secretary North Carolina Board of Health.

(For Special Lectures See p. 18.)

ANNOUNCEMENT.

Date of Opening.

3502 teachers enrolled in the past.

The tenth annual session of the University Summer School for Teachers will begin at 10 A. M., June 15, and close on the afternoon of July 10. All the resources of the University will be open to those who attend, and it is believed that a glance through the courses here offered will convince the progressive teachers of North Carolina that it is the part neither of wisdom nor of economy for them to leave the State in order to secure the best instruction in both text-books and methods.

A Genuine School of Methods.

Expert instructors representing the latest developments in school management and methods of teaching.

The opportunities and advantages offered this year are of greater value and better suited to the needs of the teacher than those which in former years have given the Summer School its reputation for merit and efficiency.

In arranging the courses of study, a special effort has been made to provide for the following:

1 Those who are preparing to teach in either public or private schools.

2. Those teachers who wish to study under expertsthe best methods employed in modern educational endeavor.

3. The teachers in both public and private schools who desire to broaden their scholarship or to improve their methods of instruction and discipline by a careful study of the theories and results of practical and successful teachers.

NEAR THE MILL

IN BATTLE'S PARK

CAMPUS VIEW

General Plan of Instruction.

A total of 43 courses, including subjects of special value to teachers in every grade.

The courses may be grouped under the following heads:

Common School Subjects and Methods.	Psychology and Pedagogy.	High School and College Subjects.
Kindergarten.	Psychology.	Latin Grammar and Literature.
Reading.	Art of Teaching.	Greek Grammar and Literature.
Expression.	Philosophy of Education.	English Grammar and Literature.
Elementary Physiology.	Philosophy of Method.	French Grammar and Literature.
Elementary Physics.	History of Education.	German Grammar and Literature.
Elementary Arithmetic.		American History.
Manual Training.		English History.
Elementary Algebra.		Greek and Roman History.
English Composition.		Arithmetic and Alegebra.
Geography.		Geology.
Drawing.		Mineralogy.
Elementary History of the United States.		Advanced Physiology.
History of North Carolina.		Botany.
		Chemistry.

Certificates will be issued to those members of the school who regularly attend and satisfactorily complete courses of not less than twenty-four periods.

Special Advantages.

All the privileges of the University open to students of the Summer School and at less cost than at any other season of the year.

Lecture Courses. A regular course of lectures, both scientific and literary, has been provided, many of them being of direct practical value to the teacher and dealing with vital questions connected with the growth and development of our schools. The lecture courses will be free and will contribute greatly to the pleasure and profit of the teachers.

Library. The University Library, which contains more than 40,000 volumes, will be open daily to members of the Summer School There will thus be furnished, free of cost, a most excellent opportunity for collateral reading on any of the courses of study and for general reading in a wide range of subjects.

Laboratories. The Physical, Chemical, Botanical and Zoölogical Laboratories of the University are modern in their equipment and are at the service of the Summer School. Laboratory methods and experience are necessary to the most successful teacher of today, and can be readily acquired only by actually doing laboratory work under the guidance of skilled instructors.

Campus. The University buildings are located in a well shaded campus of fifty acres, and Chapel Hill, with an elevation of five hundred feet, shady streets and pure, cool drinking water, offers a delightful summer home.

COURSES OF STUDY.

PEDAGOGY.

Professor NOBLE.

1. The Development and Philosophy of Method. Illustrative applications of method to the teaching of Reading, Elementary Arithmetic, Geography and History of North Carolina.

Professor MORRILL.

2. The Psychology and Art of Teaching. Lectures on Knowledge Getting, Memory, Habit, and Automatic Action.

3. Courses of Study. Lectures on School Work and Courses of Study.

Professor HORNE.

4. Psychology and Teaching. Lectures on the Problem of Education, Psychology and Education, History of Methods, Education of the Feelings and Will.

5. The Philosophy of Education. Lectures on How to Study the Field of Education and on Aspects of Education.

ENGLISH.

Dr. SMITH.

1. English Grammar. Lectures on the Grammar of Modern English.

2. English Literature. Lectures on Tennyson and Browning.

Mr. FULTON.

3. Methods of Teaching Rhetoric and English Composition. Lectures, assigned readings, discussions. The course will include a discussion of the principles which underlie the most notable theories of rhetoric and composition, an application of these principles to cer-

tain urgent problems in the teaching of English, practical suggestions with reference to the planning and management of composition work in secondary schools, and a critical examination of recent text-books.

4. A Study of the Paragraph (based on Scott and Denney's *Paragraph Writing*). The theory of the paragraph will be studied and tested by inductive analysis of specimens. This will be supplemented by lectures and discussions on the principles of sentence structure and the choice of words. Practice in writing will be made an important feature of the course. Themes will be read and discussed in class, and students will be given abundant opportunity for individual conference with the instructor.

Mr. McKie.

5. Expression. The course in expression will develop, by the discussion of suitable specimens of literature, principles useful in teaching vocal expression. Talks on voice culture and gesture will be given. Special attention will be given to the teaching of reading in the public schools.

6. Shakespeare. The course in Shakespeare will consist of the rapid reading of a play selected by the class, and a discussion of its historical, literary, and dramatic phases.

The courses in expression and Shakespeare will be given on alternate days.

HISTORY.

Dr. Riley.

1. Outlines of Greek and Roman History. This course will be devoted to a consideration of some of the most important developments in classical history. Especial attention will be directed to the methods of teaching these subjects in the high schools. The most important results of recent explorations will also be noted as far as practicable. *Six hours a week, throughout the term.*

2. Elementary History of the United States. This course will be given with special reference to the needs of teachers in the public schools.

It will embrace a brief outline of colonial history, followed by a more detailed account of the early history of the country under the Constitution. Attention will be devoted incidentally to the objects of elementary instruction in history and to the methods of teaching this subject. *Six hours a week, throughout the term.*

Dr. Raper.

3. English History. An outline study of the English people in their political, constitutional, economic, social, religious and intellectual aspects. *Three hours a week.*

4. American History. An outline study of the American people in their political, constitutional, economic, social, religious and intellectual aspects. *Three hours a week.*

For History of North Carolina, see page 11 under Pedagogy.

MATHEMATICS.

Professor Foust.

1. Arithmetic. A study of objects leading to the discovery of the "four fundamental rules" and the natural method of teaching those rules; methods of drill in the use of figures; application of the "four fundamental rules" to percentage, interest and the arithmetical problems of business; the unity of arithmetical processes.

2. Advanced Arithmetic. Fractions, Percentage, Interest, Bank Discount, Practical Measurements, Ratio and Proportion, Partnership, Square Root, Cube Root,

Mr. Stacy.

3. Algebra. This is a course in methods and will deal entirely with Factoring, Greatest Common Divisor, Least Common Multiple, Fractions, Equations, Square Root, Cube Root, Solution of Problems, and Binomial Theorem.

GEOGRAPHY.

Professor Brown.

1. The Earth as a Globe. Lectures on the Earth as a Globe, Weather

Elements, the Ocean, Physiographic Forms, Classification of Land Forms, Geographic Controls and Factors.

2. Laboratory Work and Field Excursions. This will include a study of methods and materials with exercises from Weather Maps, Topographic Maps, etc. The Field work will consist of a study of Home Geography and of methods.

GEOLOGY AND MINERALOGY.

Professor Cobb.

1. Elementary Geology. Lectures, field-work, and laboratory-work. The course is given with special reference to its use as a basis for physical geography work. *Five hours a week.*

2. Elementary Mineralogy. Laboratory-work and field-work. *Five hours a week.*

Saturdays are left free for the longer field excursions.

PHYSICS AND MANUAL TRAINING.

Dr. Mills.

1. Elementary Physics. Lectures and Recitations. *Six hours a week.*

Professor Hammel.

2. Construction of Physical Apparatus. Lectures on the construction of the simpler apparatus required in the study of Elementary Physics.

3. Manual Training. This course will be devoted to Paper Folding, Cardboard, and Knife Work.

4. Manual Training. A series of practical lectures on Raphia, Reed Basketry, etc. (See also under Kindergarten).

BOTANY.

Dr. Shoemaker.

1. Cryptogams and Flowering Plants. Lectures on the Morphology of a

few Cryptogams, and on the Anatomy and Physiology of Flowering Plants. This work will be supplemented by work in Laboratory and Field, and is intended to help teachers in Common Schools and Graded Schools.

PHYSIOLOGY AND HYGIENE.

Dr. Mangum.

1. Elementary Physiology. This course, for beginners, gives a description of the human body and the function of the organs. School Hygiene will also be discussed. *One hour daily.*

2. Advanced Physiology. In this course certain parts of the subject will be taken up and thoroughly discussed. The laws of Hygiene will also be emphasized. *One hour daily.*

DRAWING.

Miss Fort.

1. Elementary Drawing. A course for teachers in the Common Schools. The work will consist of Free-Arm Movement Exercises, Blackboard Drawing, and Drawing from Objects.

2. Advanced Drawing. Lectures on Brush and Ink Work, Colored Chalk and Picture Study.

CHEMISTRY.

Dr. Wheeler.

1. Elementary Course in General Chemistry. Lectures and laboratory work one hour a day.

2. Advanced Laboratory Work. On application.

KINDERGARTEN.

Miss Johnston.

1. Primary Work. Talks on how the Kindergarten may prepare for

Primary Work. Suggestions on the Construction of Programs for Kindergarten, Connecting Class, and Primary.

2. Manual Training in the Kindergarten. Talks on elementary work in Cardboard, Raphia, and Reed Weaving.

GREEK.

Dr. Alexander.

1. For beginners. Ball's *The Elements of Greek* will be used. This will enable teachers to reach a point from which they can continue the study of Greek without an instructor.

2. Book I. of Xenophon's Anabasis, with a review of important principles of grammar. This course can be taken by teachers who have studied Greek for one year. *Three times a week.*

3. Greek Literature in English, primarily for teachers who have not studied Greek. The instructor will translate, with brief comments, six books of Homer's Odyssey, the Medea of Euripides, and the Plutus of Aristophanes. Those who have studied Greek at all will follow the instructor's translation more profitably, if they provide themselves with the Greek texts. *Three times a week.*

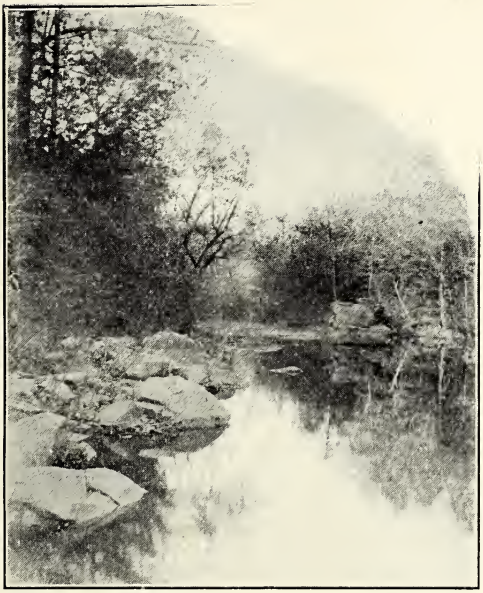
LATIN.

Dr. Foushee.

1. Elementary Course. Study of forms and the simple rules of syntax. Study of words showing the relation of Latin to English. (Intended for those who have never studied Latin and those who teach beginners.)

2. Advanced Course. Reading of easy Latin: Viri Romæ, Cæsar, or Selections from Vergil's Æneid. Composition.

A course, if desired, will be given for the benefit of those who wish to further their work of last summer, taking up Horace and Cicero and advanced composition.



NEAR LAUREL HILL

THE DAVIE POPLAR

FRENCH.

Dr. Bruner.

1. Teachers' Course. The Elements of Grammar, Pronunciation, Rapid Reading of easy prose, Reading at sight.

2. Teachers' Course. Rapid Reading of Victor Hugo's Hernani and Racine's Esther. Lectures.

GERMAN.

Professor Toy.

1. Practice in Forms. Systematic instruction in Translation. Brief discussions of Methods of Teaching.

   Intended for those who have no acquaintance with the subject. It is expected that diligent application in this course will enable the student to carry on with profit his subsequent work in this subject.

2. Practice in Wide Reading.

   Intended for those who have at least one year's instruction. In connection with the translation there will be brief explanations of grammar and literature.

SPECIAL LECTURES.

In view of the interest now being taken in the erection of more and better school buildings, in the beautifying of both buildings and grounds, and in the improved hygienic conditions of school life, a series of practical lectures will be delivered on these subjects by well-known specialists. Dr. R. H. Lewis, Secretary of the North Carolina Board of Health, Dr. D. N. Shoemaker, and others will deliver lectures in this course, and every effort will be made to further the great movement in which North Carolina is already taking the lead.

EXPENSES.

There will be no charge for tuition in the Summer School. An incidental fee of five dollars will, however, be charged. Board and rooms may be obtained in the village at from $9.00 to $10.00 for the four weeks.

Carriages and baggage wagons meet all trains. Trains arrive from east and west at 11 A. M. and 5:45 P. M.; leave at 8:35 A. M. and 2:00 P. M. Reduced rates on all railroads. For additional information, address

F. P. VENABLE, *President*,
Chapel Hill, N. C.

UNIVERSITY OF NORTH CAROLINA.

SESSION OF 1903-04.

The Regular Session of the University of North Carolina opens September 7th, 1903. Instruction is given in Academic Studies, Law, Medicine, Mining, and Pharmacy. The faculty numbers 64.

The buildings and equipment of the University are valued at $500,000. The scientific laboratories occupy 34 rooms. The library contains 40,000 volumes. The instruction is thorough and the standard high.

Deserving young men are helped to secure an education by scholarships and loans.